

Applicant: Temming, et al.
Application No.: Unassigned
Filing Date: Herewith
Docket No.: 903-183 PCT/US
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A. Amendments to the Specification:

Please amend the title of the invention, as follows:

~~CONVEYOR AND SORTING AND PACKAGING DEVICE WITH SUCH A~~
CONVEYOR

Please add the following immediately after the title of the invention:

\ CROSS-REFERENCE TO RELATED APPLICATIONS:

This application is the National Stage of International Application No. PCT/NL2004/000630, filed September 13, 2004, which claims the benefit of Netherlands Application No. NL 1024299, filed September 15, 2003, the contents of all of which are incorporated by reference herein.

Please add the following new paragraph immediately prior to page 1, line 4, and after the Cross Reference to Related Applications, as follows:

FIELD OF THE INVENTION:

Please amend the paragraph beginning at page 1, line 4, as follows:

~~A first aspect of the~~ The invention relates to a conveyor device in accordance with the preamble of claim 1 for conveying substantially round products, for example eggs. Such a conveyor device comprises a support track, along which the products can move in a conveying direction during use. Furthermore the conveyor device comprises a first, substantially cylindrical engagement member, which extends transversely over the support track with respect to the conveying direction. Said first cylindrical engagement member is designed to be flexible at least

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at its circumference, in order to engage on the products on the support track, and it can rotate about its axial axis in order to advance the products along the support track.

Please add the following new paragraph immediately prior to page 1, line 7, as follows:

BACKGROUND OF THE INVENTION:

Please add the following new paragraph immediately prior to page 1, line 36, as follows:

SUMMARY OF THE INVENTION:

Please amend the paragraph beginning at page 1, line 36, as follows:

According to a first aspect of the invention, this object is achieved by a conveyor device ~~in accordance with the preamble of claim 1, characterized in that the~~ for conveying substantially round products, for example eggs, comprising a support track, along which the products can move in a conveying direction during use, and a first, substantially cylindrical engagement member, which extends transversely over the support track with respect to the conveying direction. Said engagement member is designed to be flexible at least at its circumference, in order to engage on the products on the support track, and can rotate about its axial axis in order to advance the products along the support track. Said support track, downstream of the first engagement member as seen in the conveying direction, has an elevated portion which is located at a distance from the first engagement member which is such that the latter engages on the products on the upward part of the elevated portion.

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Please amend the paragraph beginning at page 2, line 35, as follows:

The invention also relates to a conveyor device ~~according to the preamble of claim 6, in which the~~ for conveying substantially round products, for example eggs, comprising a support track, along which the products can move in a conveying direction during use, and a first, substantially cylindrical engagement member, which extends transversely over the support track with respect to the conveying direction. Said first engagement member is designed to be flexible at least at its circumference, in order to engage on the products on the support track, and can rotate about its axial axis in order to advance the products along the support track. The support track has a higher part, a transition piece, which adjoins the higher part downstream of the first engagement member, as seen in the conveying direction, and a lower part, which adjoins the transition piece,~~the.~~ The first engagement member being is arranged over the higher part of the support track, in the vicinity of the transition piece,~~and a.~~ A second substantially cylindrical engagement member being is provided, which extends transversely over the support track with respect to the conveying direction ~~and.~~ Said second engagement member is designed to be flexible at least at the circumference in order to engage on the products, and can rotate about its axial axis in order to advance the products along the support track,~~with.~~ Said second engagement member is arranged substantially at the transition piece in order to engage on the products which, during use are situated on the transition piece and a part of the lower part of the support track.

Please amend the paragraph beginning at page 3, line 14, as follows:

The conveyor ~~device according to claim 1 and according to claim 6~~ devices described above are based on the common insight that, to achieve maximum control of the velocity of the products, it is desirable for the engagement members to be active over the maximum possible length of the support track.

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Please amend the paragraph beginning at page 3, line 20, as follows:

The first engagement member is preferably designed to have a higher circumferential velocity than the second engagement member during use. The result of this is that the products are decelerated, with the result that the row of products is closed up, which is expedient with regard to the use of space and the processing capacity of the device. This aspect may also be employed separately from the elevated portion and forms a second aspect of the invention described in claim 11.

Please amend the paragraph beginning at page 3, line 33, as follows:

The invention will be explained in more detail in the following description with reference to the drawings, ~~in which:~~

Please add the following new paragraph immediately prior to page 3, line 36, as follows:

BRIEF DESCRIPTION OF THE DRAWINGS:

Please amend the paragraph beginning at page 3, line 36, as follows:

Fig. 1 shows a section of a sorting and packaging device having a preferred embodiment of a conveyor device in accordance with a first aspect of the invention. [[,]]

Please amend the paragraph beginning at page 4, line 1, as follows:

Fig. 2 shows another embodiment of a conveyor device in accordance with the first aspect of the invention. [[,]]

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Please amend the paragraph beginning at page 4, line 4, as follows:

Fig. 3 shows an alternative embodiment of a conveyor device in accordance with the first aspect of the invention. [[,]] and

Please add the following new paragraph immediately prior to page 4, line 10, as follows:

DETAILED DESCRIPTION OF THE INVENTION

Please amend the section description for the claims on the top of page 9, as follows:

WHAT IS CLAIMED IS: CLAIMS